# Case Study Template for SPIS Organisations

# Mozambique Off-grid Knowledge Hub on Energypedia

**Background Information**

The Mozambique Off-grid Knowledge Hub on energypedia is a one-stop gateway for curated information on renewable energy in Mozambique. Developed jointly by the initiative Green People’s Energy for Africa and energypedia, this hub serves as an online space for mutual collaboration as well as knowledge exchange among experts from different organisations, companies, and institutions in Mozambique.

Against this background, we invite **case studies from organisations that offer solar powered irrigation systems (SPIS)** in Mozambique to feature business models, solutions, and learnings on the hub. The aim is to promote mutual learning and avoid reinventing the wheel for moving the Mozambican RE sector forward.

Should you be interested in featuring your case study, please fill out this form and send it to [ranisha.basnet@energypedia.info](mailto:ranisha.basnet@energypedia.info). You can fill out the form in either English or Portuguese language. If you need a form in Portuguese you can download it at the [**Case Study Info Page**](https://energypedia.info/wiki/Case_Studies_on_Energy_Access_Projects_in_Mozambique).

Depending on technologies, products and services offered, not all fields may be applicable. Just select the ones you can report on and leave the other ones empty.

**Organisation**

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| **Organisation name** |  |
| **Name of the project** |  |
| **Location of the project/area of operation** | *Village/District, Region, Country* |
| **Project period (start and end date)** | *Month, Year – Month, Year/ ‘ongoing’ (if still running)* |
| **Total Funding/budget (if applicable)** |  |
| **Stakeholders** | *Who else is involved in the project? Role in the project* |
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**Project Background:**

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| *Describe the context and the existing energy challenges? Your project’s approach to solve the challenges mentioned.* |

**Project Description**

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| **Brief description of the project process and approach** | *How has the community been involved in the entire project process; how did you select the target community…*  *How did you select the SPIS company?* |
| **Energy solutions offered** | *Short description of SPIS products or services offered;*  *Types of pump offered (surface, submersible)*  *Pump capacity*  *Rated flow (m3/h) Head at rated flow (m); Max head (m);*  *Price in Meticais in 2022* |
| **Capacity development** | *Does the project include training, activities to raise awareness, or other capacity development activities?* |
| **Other equipment** | *Do you offer also irrigation or agricultural equipment?*  *(e.g., drip irrigation kit, water tanks etc.)* |
| **Finance / Funding** | *Do you have external financial support from grants, venture capital, stock capital, carbon funding… Other?* |

**Business model**

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| **Beneficiaries/Consumers** | *Smallholder farmers, large-scale farmers, communities, institutions , donor organisations* |
| **Financing options for target consumers** | *Do you offer credit, PAYGO, mobile money, leasing options, free distribution… to customers? Are the systems subsidised for the end-consumers or do they pay the full price?* |
| **Distribution network to reach last-mile consumers** | *How do you reach customers/beneficiaries? E.g. via sales agents, shops, door-door marketing, women’s network, awareness programmes...* |
| **Long-term Operation & Maintenance** | *Who is responsible and who pays for it?* |
| **Warranties/guarantees** | *Do you offer any warranties/guaranties on your product?*  *Do you – or the companies whose products you are promoting - offer any warranties/ guaranties?* |
| **After sales service (repair, replacement and sustainability)** | *How can people access repair services? Cost of repair? Do you offer replacement parts? Do you look at long-term sustainability of products (e.g. e-waste management)* |
| **Monitoring of systems** | *Do you offer remote monitoring and cloud-solutions? Do you monitor the systems and their correct usage, how?* |

**Positive impacts on the community**

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| *No. of households/institutions/small businesses/communities reached*  *Positive impacts of the SPIS on your target customers/beneficiaries;* |

**Constraints and Recommendations**

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| *Major challenges faced and how you solved them?*  *What are the challenges related to reaching last-mile consumers? How do you tackle them?*  *Are there any policy and regulatory constraints?*  *Did you experience theft of the solar assets? If yes, how did you tackle it?*  *Did you experience damage of solar assets due to exposure to the open environment?*  *Key recommendations based on your experience?* |

**COVID related constraints**

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| *Specific challenges due to COVID (funding, low purchasing power…)? If yes, (how) did you overcome it (wherever applicable)* |

**Resources / Links**

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| *Please add here links to all resources (factsheets, flyers, videos…) related to your projects that you want to share* |

**Pictures**

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| *Please send us 2-3 high-definition pictures to be added to the case study*  *Please indicate the name of the photographer and make sure you have the right to publish them on energypedia* |

**Contact**

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| **Name and position** |  |
| **Email address** |  |
| **Website** |  |